



2024 National Pollution Prevention Training
and Conference

P2 Never Looked So Good: Beauty and Nail Salons

December 11, 2024

9:20 – 10:45PM ET

Moderated by Jennifer McPartland, Beautycounter

Speakers:

- **Liz Hitchcock, Toxic Free Future**
- **Mary Nguyen, California Healthy Nail Salon Collaborative**
- **Nathalie Pham, Department of Toxic Substances**



Pollution Prevention Never Looked So Good

Liz Hitchcock, Federal Policy
Director

December 2024





What we do



Scientific
Research



Policy
Advocacy

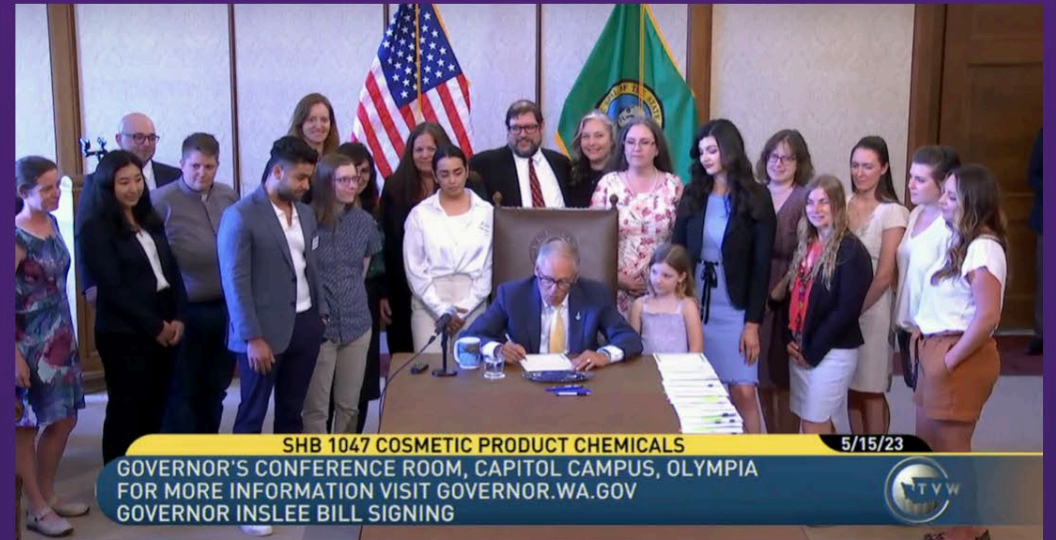


Market
Transformation

PRESS ROOM

Strongest law in the U.S. regulating toxic chemicals in cosmetics signed by Washington State Governor today

May 15, 2023



Why It's Needed, Toxic-Free Cosmetics Act

Washington Department of Ecology Report

- **“Chemicals in Cosmetics Used by Washington Residents”** Jan 2023
 - Products tested were marketed to people of color due to disproportionate impact
 - Formaldehyde was found in many products at high levels.
- Supporting the policy to address hazardous chemicals in products and **advance safer solutions.**
- **Federal law changes in MoCRA did not ban chemicals in cosmetics and left to states.**



Chemicals in Cosmetics Used by Washington Residents

Report to the Legislature
Pursuant to ESSB 5693 (2022) Section 302 (56)

Hazardous Waste and Toxics Reduction Program and
Environmental Assessment Program

Washington State Department of Ecology
Olympia, Washington

January 2023
Publication 23-04-007

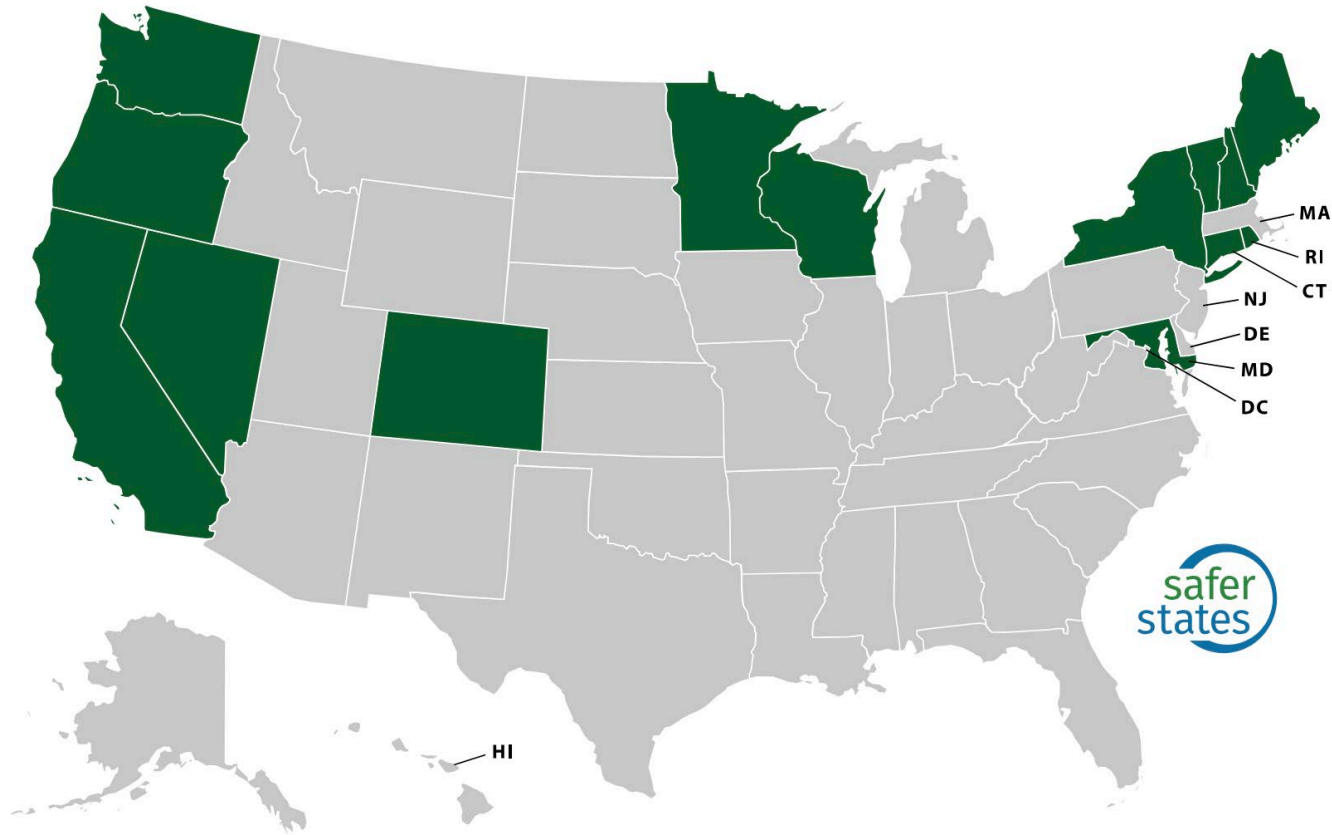


Toxic-Free Cosmetics Act, HB 1047

- **Bans 9 hazardous chemicals and classes**
- Fills important gaps in information & **hazard assessments**
- Provides incentives for safer cosmetics
- Primary Sponsor, Rep. Sharlett Mena (LD-29, Tacoma)



States acting on toxics in personal care products 2010-2024



Background

- Benchmark safer chemicals policies and implementation
- Grade against best-in-class approaches
- Use publicly available information
- Highlight leaders and laggards
- Drive a competitive race to the top



Four Essential Elements for a Safer Marketplace



Corporate
Commitment



Transparency



Ban the Bad



Safer Solutions

Policy	<ul style="list-style-type: none">• Corporate chemicals policy
Implementation	<ul style="list-style-type: none">• Management accountability• Chemical Footprint Project• Collaboration• Public policy support
Metric	

Four Essential Elements for a Safer Marketplace



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Transparency



Ban the Bad



Safer Solutions

Policy	<ul style="list-style-type: none">Corporate chemicals policy	<ul style="list-style-type: none">Supply chain disclosure
Implementation	<ul style="list-style-type: none">Management accountabilityChemical Footprint ProjectCollaborationPublic policy support	<ul style="list-style-type: none">Supply chain accountabilityConsumer ingredient disclosure
Metric		<ul style="list-style-type: none">Calculated chemical footprint

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Safer Solutions

Policy	<ul style="list-style-type: none">Corporate chemicals policy	<ul style="list-style-type: none">Supply chain disclosure	<ul style="list-style-type: none">Current restrictions	
Implementation	<ul style="list-style-type: none">Management accountabilityChemical Footprint ProjectCollaborationPublic policy support	<ul style="list-style-type: none">Supply chain accountabilityConsumer ingredient disclosure	<ul style="list-style-type: none">Reduction/elimination goals	
Metric		<ul style="list-style-type: none">Calculated chemical footprint	<ul style="list-style-type: none">Documented hazard reduction	

Four Essential Elements for a Safer Marketplace



Corporate Commitment



Transparency



Ban the Bad



Safer Solutions

Policy	<ul style="list-style-type: none">Corporate chemicals policy	<ul style="list-style-type: none">Supply chain disclosure	<ul style="list-style-type: none">Current restrictions	<ul style="list-style-type: none">Definition of “safer alternative”
Implementation	<ul style="list-style-type: none">Management accountabilityChemical Footprint ProjectCollaborationPublic policy support	<ul style="list-style-type: none">Supply chain accountabilityConsumer ingredient disclosure	<ul style="list-style-type: none">Reduction/elimination goals	<ul style="list-style-type: none">Investment in safer solutionsImplementation of known safer solutions
Metric		<ul style="list-style-type: none">Calculated chemical footprint	<ul style="list-style-type: none">Documented hazard reduction	<ul style="list-style-type: none">Quantified safer products

Four Essential Elements for a Safer Marketplace



Corporate Commitment



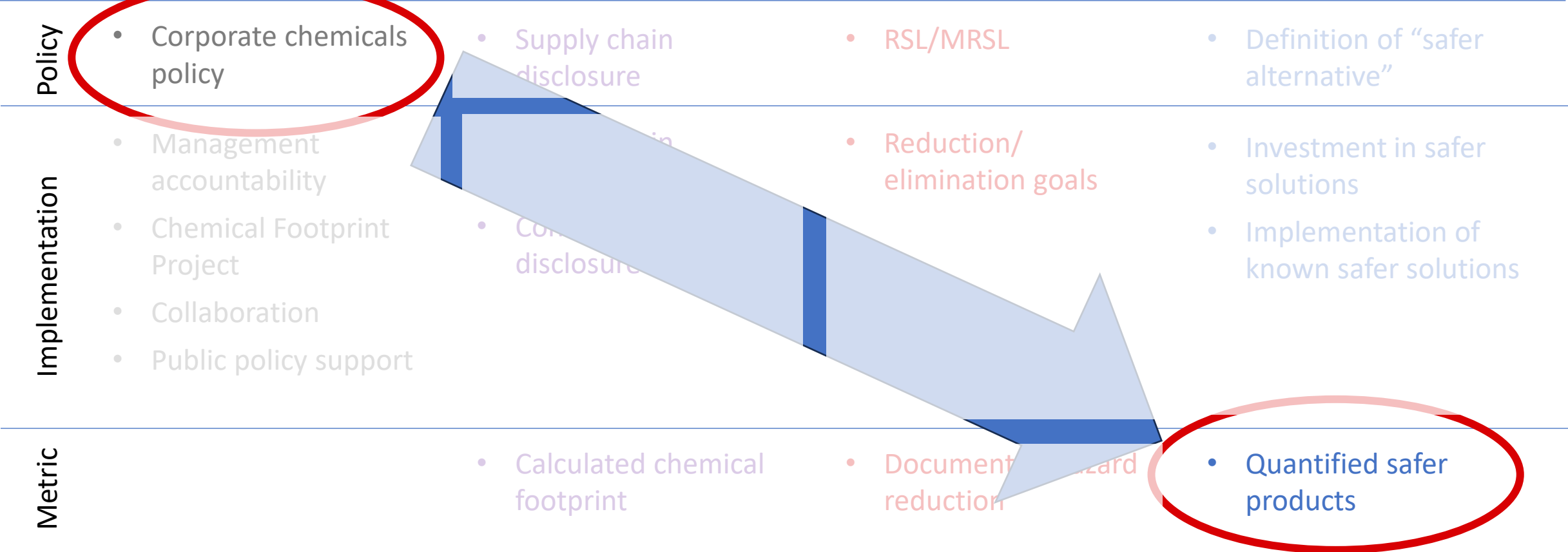
Transparency














Ban the Bad













Safer Solutions



Personal Care Products - Leaders

Retailer	Grade	Percentage
 Sephora	A-	69%
 Target	A-	65%
 Walmart	A-	65%
 Whole Foods Market	B	57%
 Ulta Beauty	B-	48%
 Amazon	C+	41%
 Walgreens	C	36%
 Rite Aid	C-	30%
 CVS	C-	28%
 Costco	C-	27%
 Kroger	C-	25%

Personal Care Products - Laggards

 Aldi	D+	21%
 Dollar General	D+	20%
 Dollar Tree	D	18%
 Loblaw	D	15%
 Albertsons	D-	13%
 Nordstrom	F	8%
 Macy's	F	6%
 Sobeys	F	5%
 Ahold Delhaize	F	4%
 Five Below	F	0%
 Publix	F	0%
 Sally Beauty	F	0%
 Trader Joe's	F	0%

Thank you

Liz Hitchcock

Federal Policy Director

lhitchcock@toxicfreefuture.org

ToxicFreeFuture.org



**Toxic-Free
FUTURE**

Green Glamour

Hands Together for Nail Salon Wellness

*Presented by Mary M.G. Nguyen (M.S.W., M.P.P.)
Policy and Research Manager*



Liên Hiệp Ngành Móng Tay Lành Mạnh

Who We Are

- 20 years old!
- Statewide grassroots organization in CA
 - Orange County
 - Bay Area
 - Los Angeles County
- Address environmental and reproductive health, workers' rights and many other social justice issues
 - centering low-income, female, Vietnamese immigrant and refugee workforce



What We Do

Outreach and Organizing

- educational workshops
- establishing and maintaining relationships with nail salon workers and owners

Civic Engagement

- voter rights and awareness
- phone banking with Aunties for research purposes

Policy and Research

- campaigns for legislations
- research reports for policy recommendations

Our mission is to mobilize the nail salon workforce to transform the health, safety, and working conditions of the nail salon industry to build a healthy, sustainable, and equitable community.

Green Glamour Program Goals

To improve the health of nail salon workers and owners by reducing chemical exposures and promoting safer and more sustainable products in the nail salon industry.



Three Program Components

CA Leadership
Institute -
Environmental
Justice (CALI-EJ)



Air and particle
sampling

Nail Supply
Sustainability
Initiative (NSSI)





Green Glamour: CALI-EJ

A training series for nail salon owners (NSOs) that aims to:

- increase understanding of the intersections between environmental justice (EJ) and nail salon products
 - adopting safer and sustainable practices for the nail salon workforce
- 
- 



Green Glamour: CALI-EJ

- Trained 10 salon owners on environmental justice and sustainable practices.
 - goal to train 70-100 employees
 - Trained 68 employees
 - Each owner to recruit a nail supply store owner (SSO) for the Nail Supply Sustainability Initiative (NSSI)
- 
- 



NSOs

- Full house (in person and on zoom)
 - helpful in-language materials for their facilitation
- Open and welcoming to each other
- Shared resources





Challenges and Limitations

- Some salons only had a total of 4 employees
 - Some employees seemed indifferent and disengaged from the workshop
 - Voiced concerns of not having control of product ingredients
 - NSOs couldn't recruit SSOs
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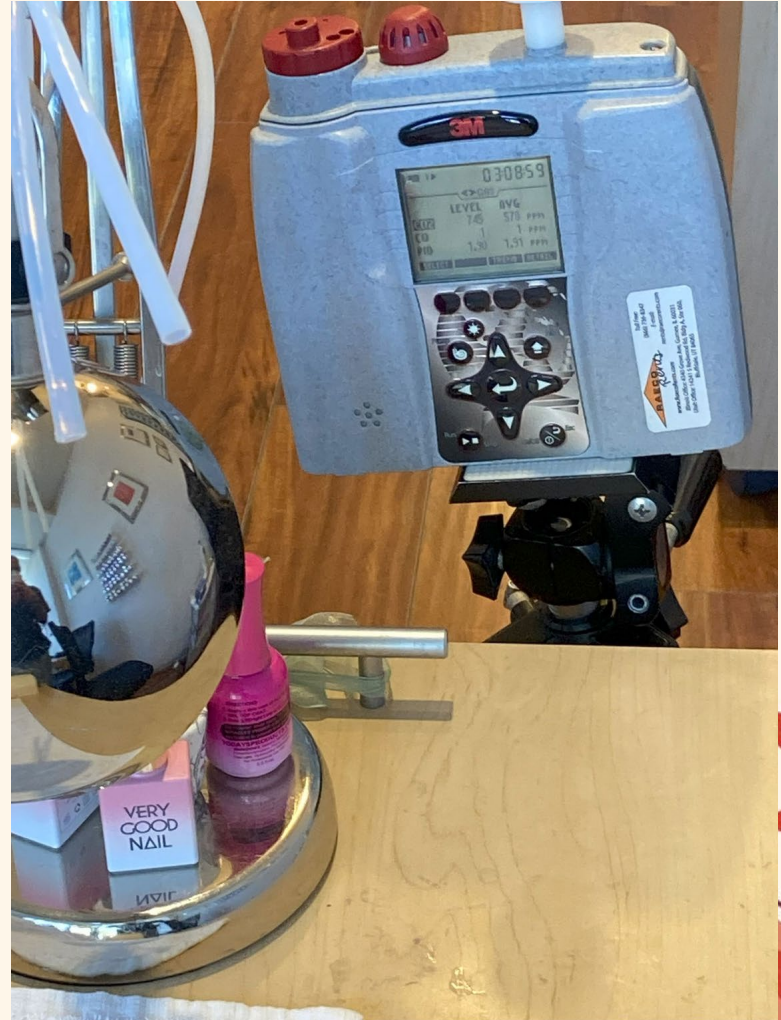
Air and Particle Sampling



- 5 salons participated in the study
 - SoCal and NorCal Regions
- Monitored the air quality during business hours
- Observed total volatile organic compounds (VOCs)
- Will develop recommendations from results



The Setup





Teflon tubing

- near breathing zones to collect debris and air

Summa canister

- 1 canister collected 8 hours for full shift
- 2 canisters (30-min intervals) for specific services



TSI EVM 7

- Collected real-time data on VOCs in air
 - Particulate matter (PM)
 - Carbon monoxide (CO)
 - Carbon dioxide (CO₂)
 - air temperature
 - humidity levels



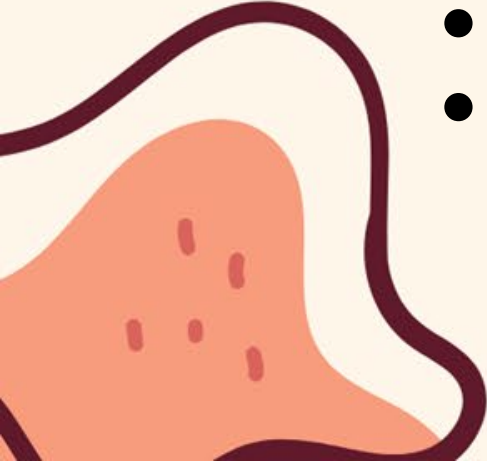



Findings

- “Organic” products increased chemical exposures
 - Chemical exposures varied in salon due to infrastructure
 - SoCal salons exceeded VOC limit
 - NSOs and workers still exposed to chemicals regardless of completing service
- 
- 





Challenges and Limitations

- Pushback with the machines being used during business hours
 - scared of deterring customers
 - Limited time with the machines because we shared them with a partner org
 - Required at least 8-hour monitoring
 - Services differed from each salon and products used
- 
- 





Green Glamour: NSSI

- Trained 9 SSOs on environmental justice and sustainable practices
 - Word-of-mouth
 - Goal of 600 total customer interactions
 - 150 customer interactions/month (Oct 2024-Feb 2025)
- 
- 



SSOs



- Attended workshops during working hours and late in the evening
 - Concerned with prices for less harmful products
 - Existing challenges in sustaining supply stores
 - Understood and aware of health impacts
 - Resistant to sharing marketing strategies in fear of increased competition
 - Post-covid business challenges
- 
- 

Currently:





Challenges and Limitations

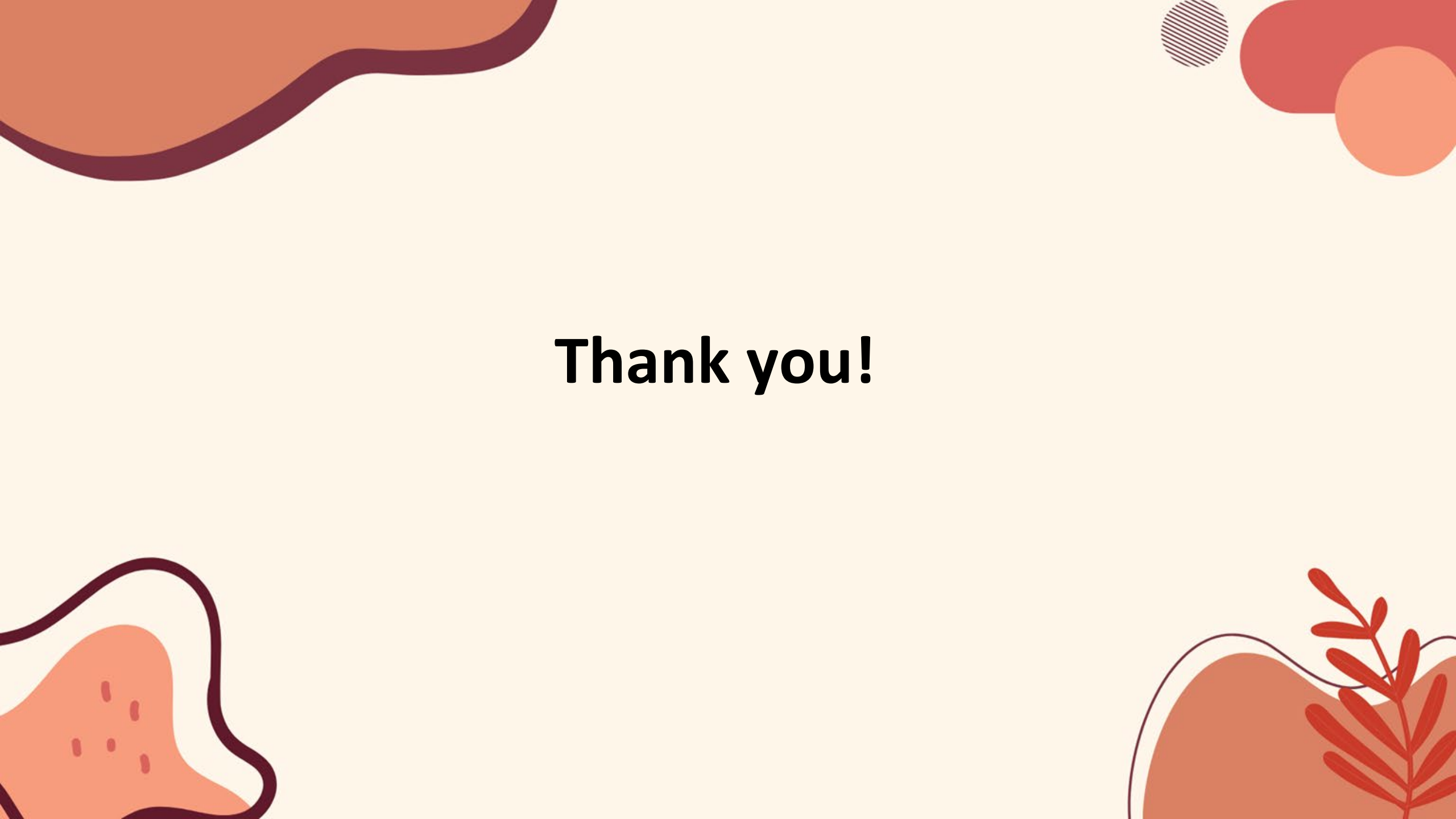
- Recruitment challenges
 - Concerns of sharing sensitive information (W9 forms)
 - Limited availability
 - Relationship-building with one another
- 
- 

Key Takeaways

- Importance of establishing trust with community members
 - meeting them where they are at
- Financial strains are barriers to sustaining and promoting healthier communities for both NSOs and SSOs
- “Organic” labeled products ~~is~~ better and safer

The background is a light cream color. It features several decorative elements: a large, dark brown, wavy organic shape in the top-left corner; a cluster of overlapping circles in shades of red and orange in the top-right corner, including one with a dark brown hatched pattern; a dark brown, wavy organic shape in the bottom-left corner containing several small, dark brown dots; and a dark brown, wavy organic shape in the bottom-right corner containing a stylized red plant with multiple leaves.

Questions?

The background is a light cream color. It features several decorative elements: a large, wavy, terracotta-colored shape in the top-left corner with a dark maroon outline; a cluster of overlapping circles in shades of red and orange in the top-right corner, including one with diagonal hatching; a stylized, dark maroon outline of a plant or leaf shape in the bottom-left corner; and a stylized red plant with multiple leaves in the bottom-right corner, partially overlapping a large, rounded, terracotta-colored shape.

Thank you!

Contact us:



CAHealthyNails



@CA_HNSC



@CA_HNSC



www.cahealthynailsalons.org



Mary Nguyen: mnguyen@cahealthynailsalons.org





Nail Product Efforts in California

Nathalie Pham, Ph.D., DABT

Nathalie.pham@dtsc.ca.gov

National Pollution Prevention Training and Conference, Washington DC
December 11, 2024



Department of Toxic Substances Control



CalEPA

Outline

- Introduction to DTSC and the SCP Framework
- Why Nail Products?
- Key Research Findings
- Regulatory Actions
- Healthy Nail Salon Recognition (HNSR) Program



California Environmental Protection Agency



CalEPA



**SAFER
CONSUMER
PRODUCTS**



Department
of Toxic
Substances
Control
(DTSC)



Department
of Pesticide
Regulation
(DPR)



CalRecycle



Office of
Environment
Health
Hazard
Assessment
(OEHA)

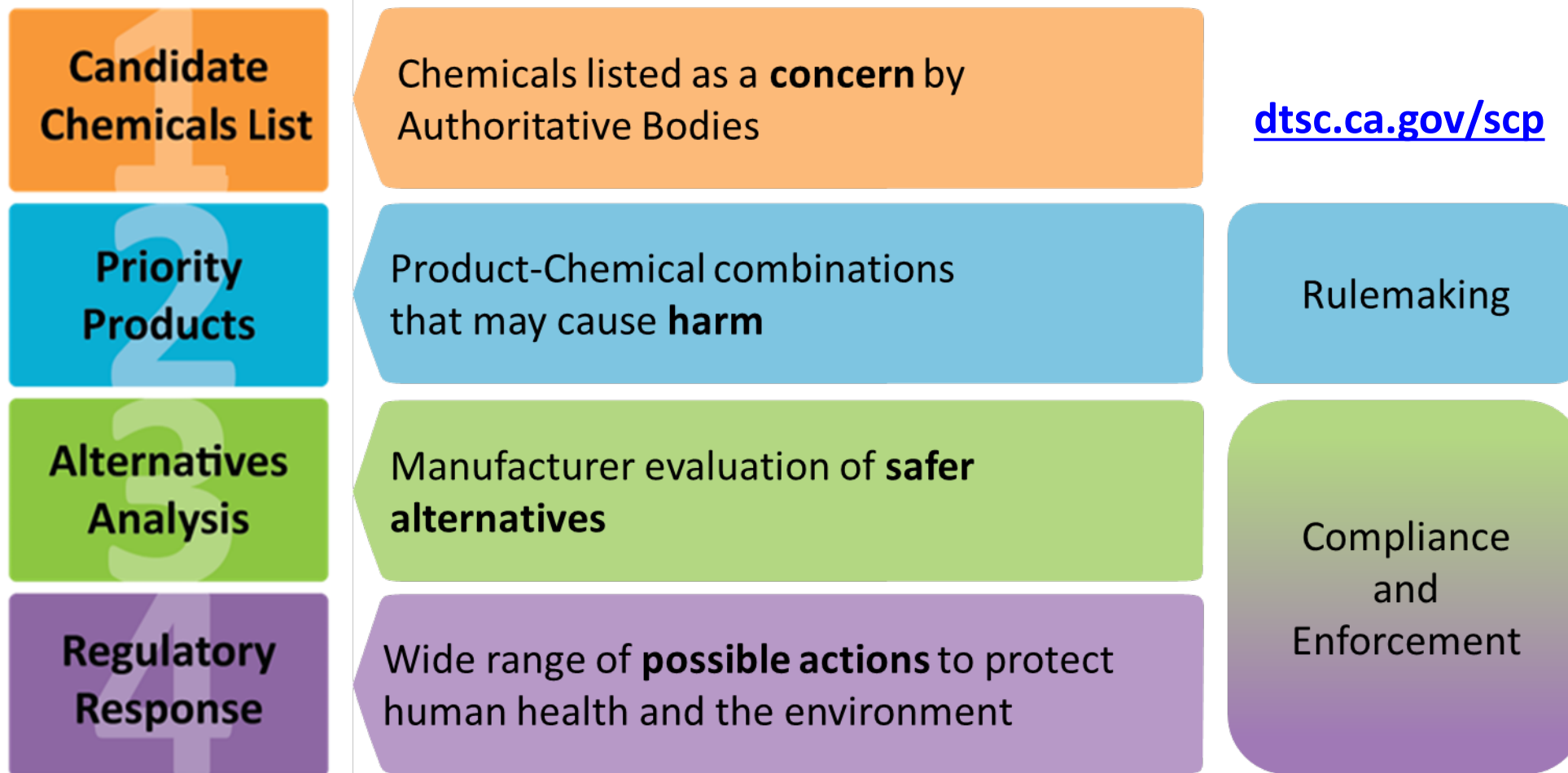


State Water
Resources
Control
Board



California Air
Resources
Board
(CARB)

Safer Consumer Products (SCP) Framework



Why Nails Products (NP)?

Key Facts

- Nail product sales annually exceed \$1 billion in U.S.
- Known to contain hazardous chemicals
- Lack of regulation and oversight on chemical ingredients and product labeling

Exposures

- Inhalation and dermal are primary routes

Nail salon workers

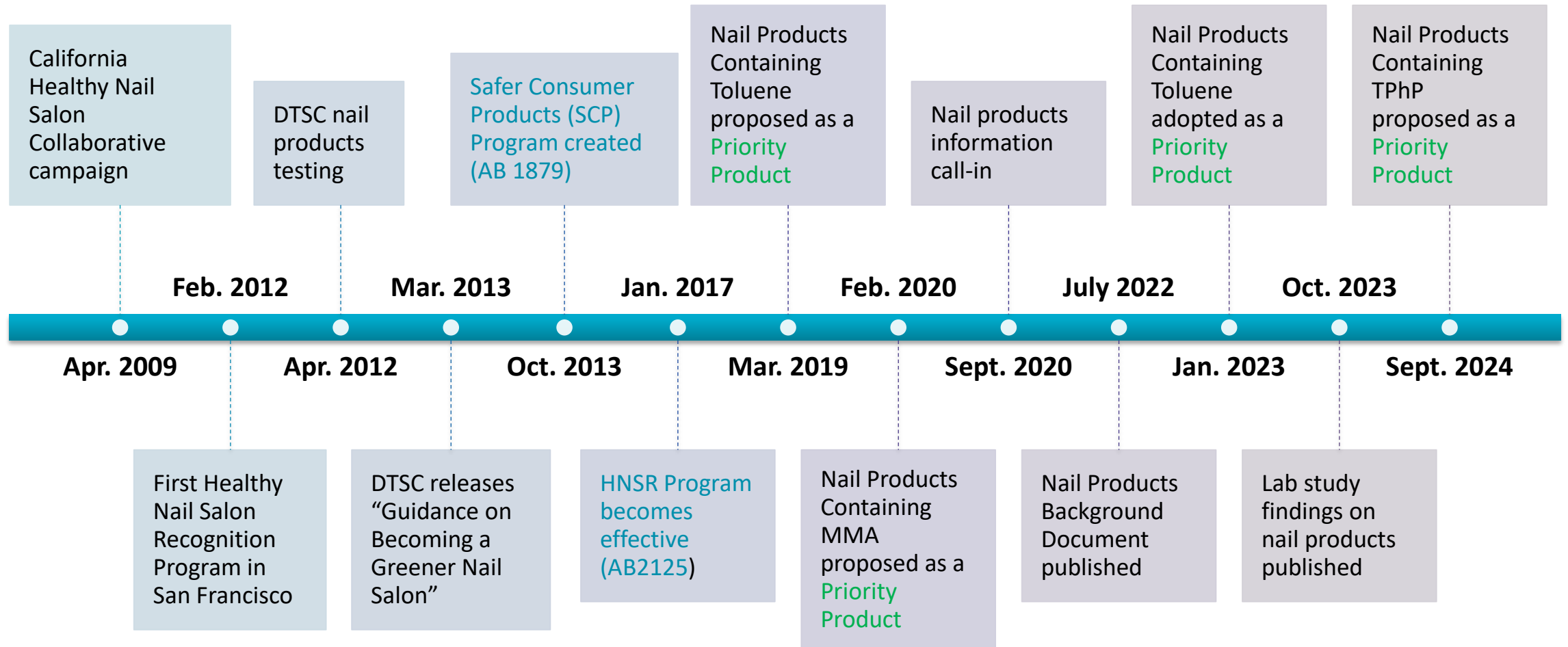
- Work > 8 hrs/day, 40 hrs/week
- Poor ventilation in salons
- Often immigrants (Vietnamese descent) and women of childbearing age
- Exposed to multiple chemicals simultaneously

Customers

- Pregnant women and children



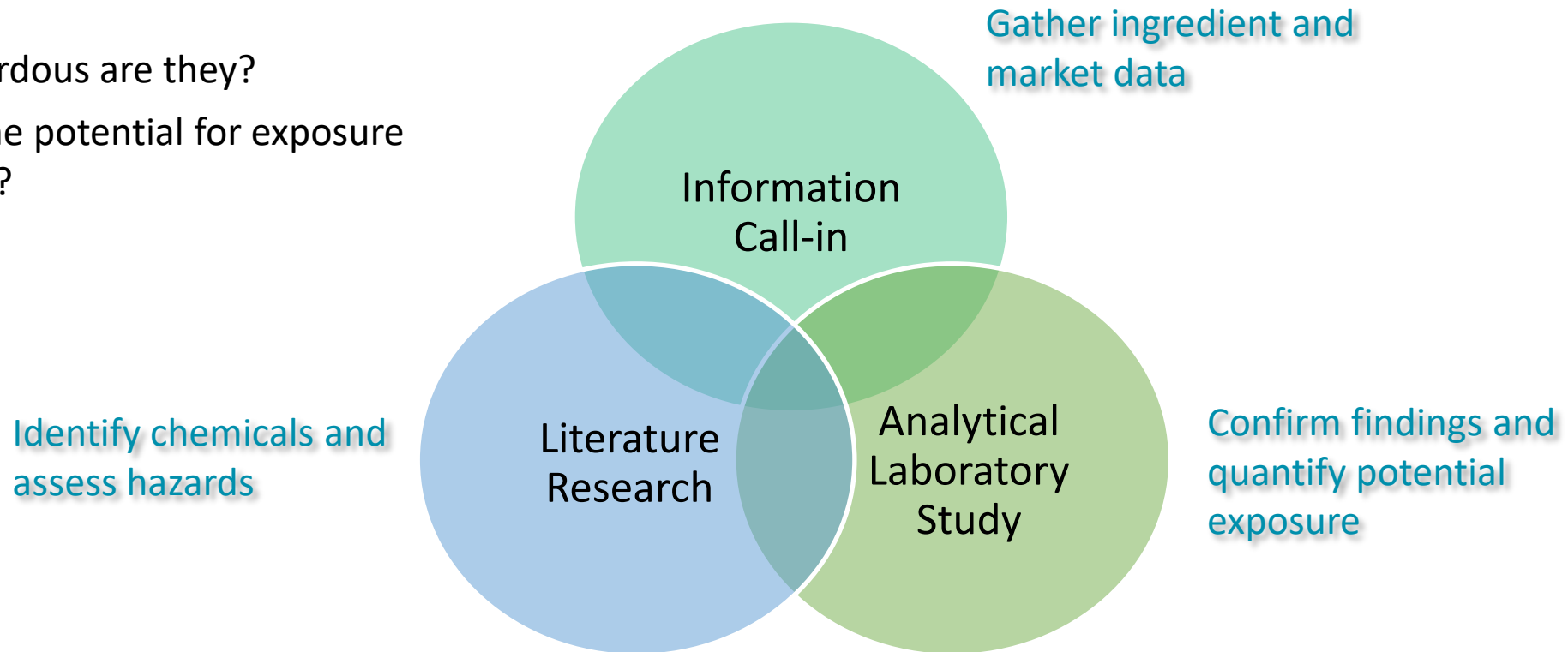
California Nail Product Efforts



SCP Nail Products Research

Purpose: to identify hazardous chemicals in nail products, fill data gaps, and support Priority Product designations

- What chemicals are in nail products?
- How hazardous are they?
- What is the potential for exposure and harm?



Nail Products Literature Research

Background

- Began in 2017, published findings in 2022
- Identified 38 chemicals in nail products
- Evaluated potential hazards from exposure
- Highlighted vulnerable populations like nail salon workers and product users

Findings

- **Proposed Priority Products**
 - Nail products containing toluene
 - Nail products containing methyl methacrylate (MMA)
 - Nail products containing triphenyl phosphate (TPhP)

Learn more: [Chemicals In Nail Products Research](#)



Information Call-In

Background

- SCP regulations give DTSC authority to conduct an information call-in
 - Applicable to manufacturers, importers, assemblers, and retailers of specified chemicals or products

Goal

- Fill data gaps related to nail products formulations

Findings

- Only 31 of 186 contacted parties provided complete information
- Over 95% of reported formulations contained ***at least one*** Candidate Chemical (CC)
- 97 CCs identified across nail product formulations
- “Green” or “safer” products often lack evidence to support claims

Learn more: [DTSC's Nail Products Information Call-in \(2023\)](#)



Nail Products Lab Study

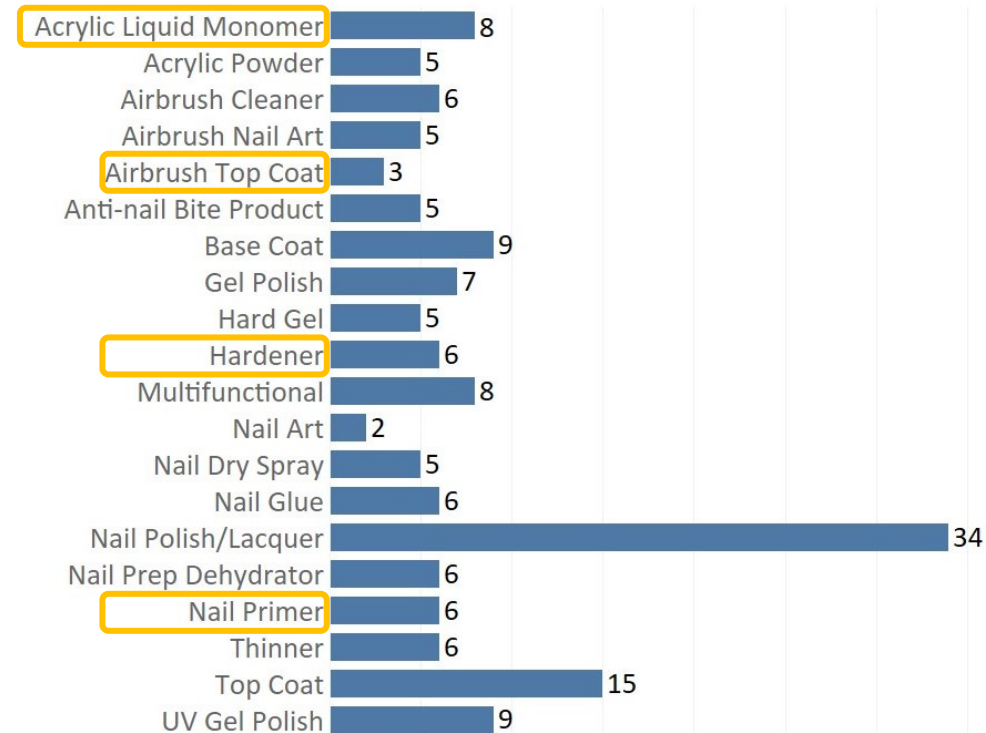
Background

- 2019 study built on previous DTSC work
- Analyzed 157 nail products from 21 product types
- Identified and quantified CCs in retail and professional nail products

Findings

- Prevalence: CCs detected in 148 of 157 products tested
- Professional products contained more CCs and higher concentrations than retail products
- Lower-priced products contained higher concentrations of CCs compared to mid- and high-priced products

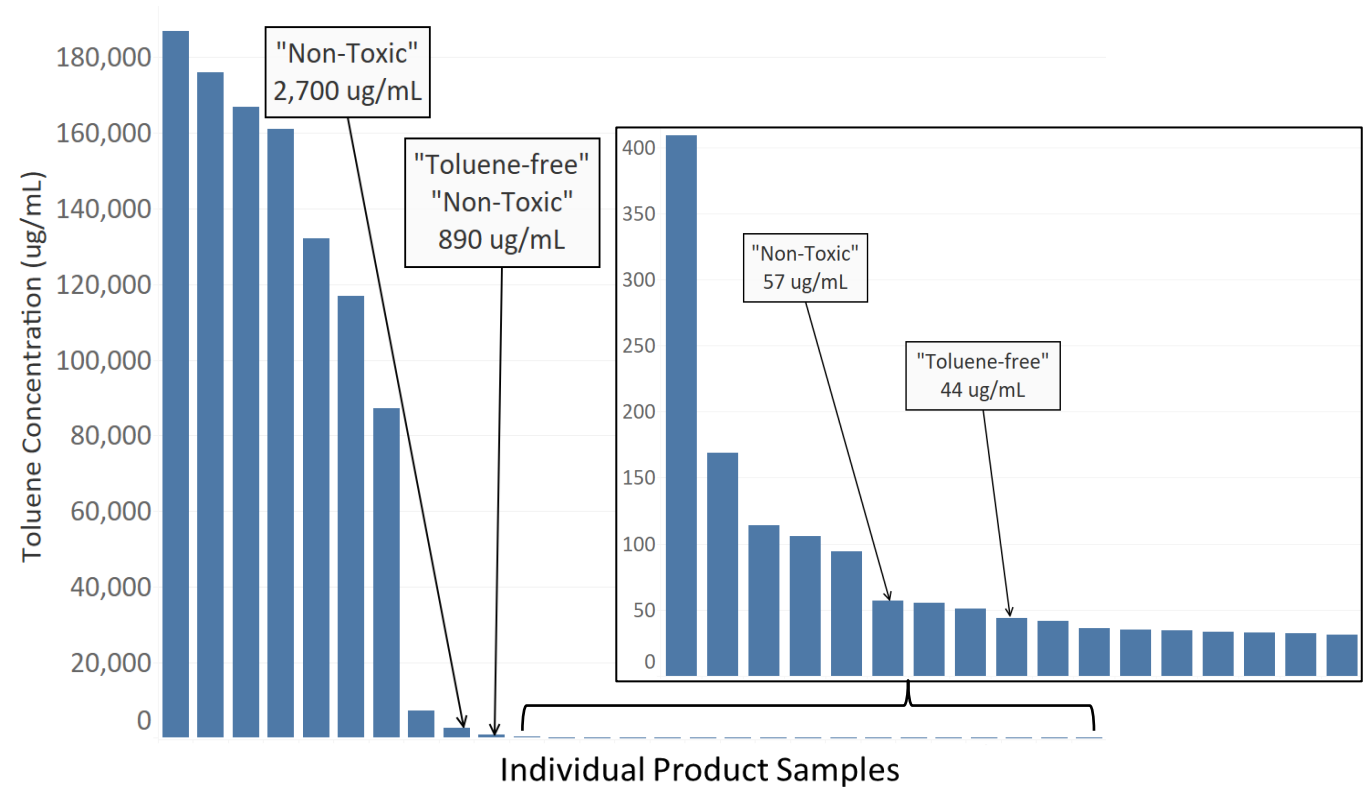
Number of Products (By Type)



Learn more: [DTSC's Nail Products Lab Study \(2023\)](#)

Toluene Detection in Nail Products

- Linked to neurotoxicity, developmental toxicity, and respiratory issues
- Detected in **17%** of samples, up to **187,000 µg/mL**
- Frequent inaccuracies in “non-toxic” or “toluene-free” labeling

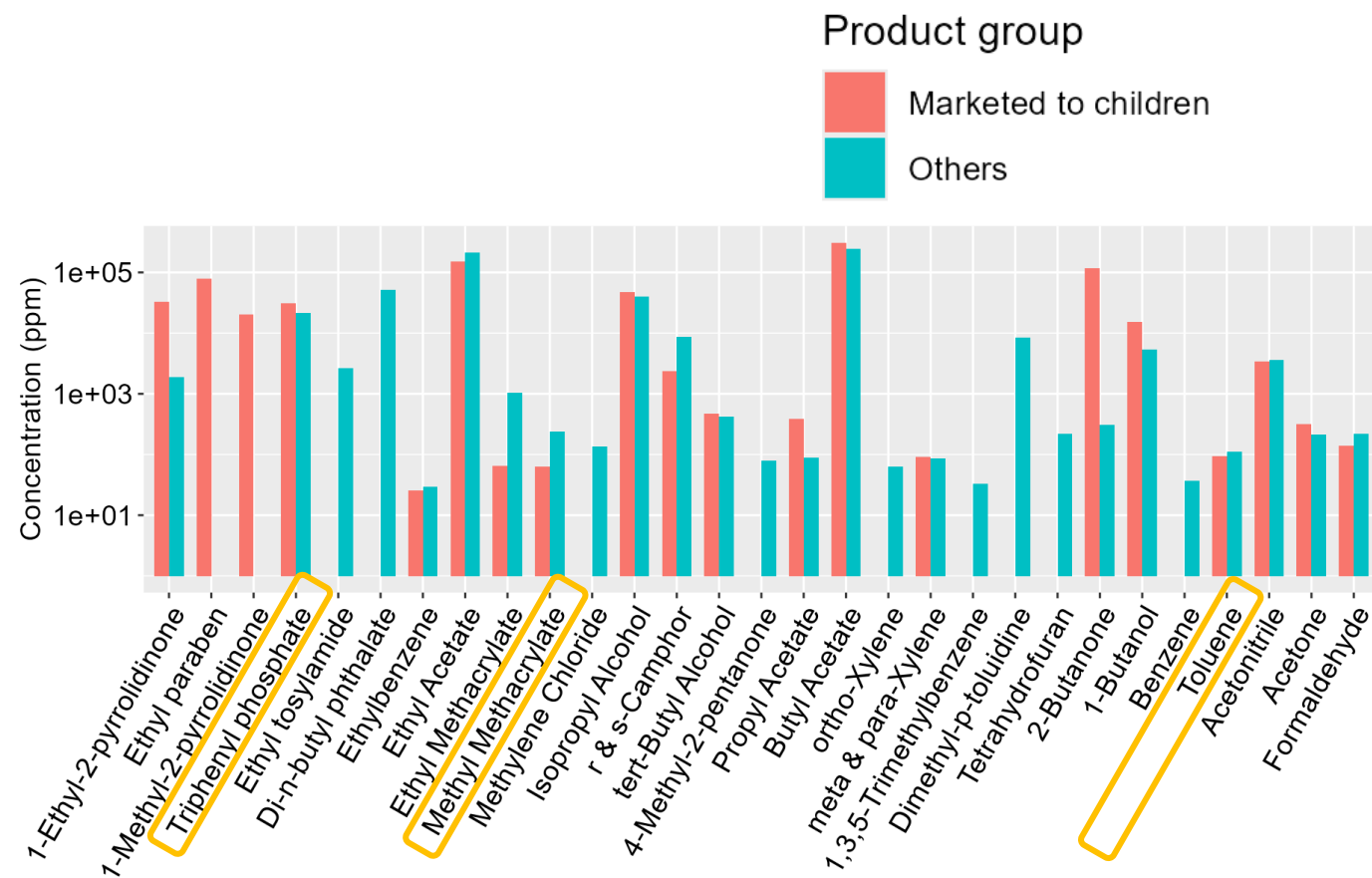


Children's Products

- 17 nail products marketed or labeled as “safe” for children
- Many products were nail polish/lacquers and anti-nail bite products

Findings

- “Safe” labeling is misleading
- Products often contain harmful chemicals at similar or higher levels than other products

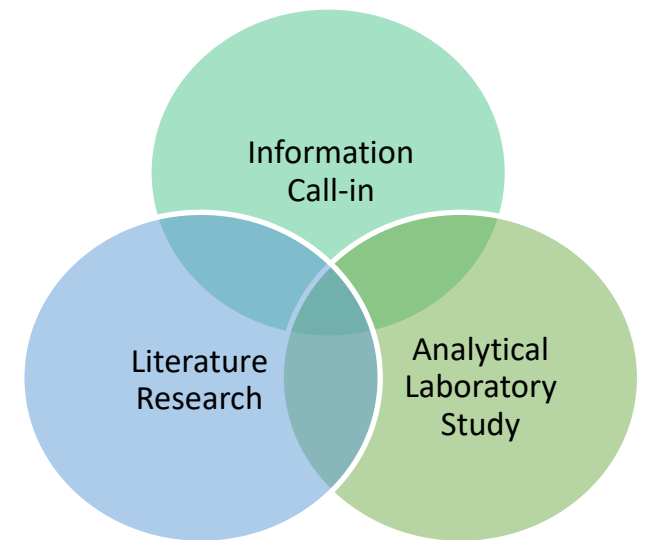


Key Takeaways from Nail Products Research

- Nail salon workers and vulnerable groups including pregnant women and children, face exposure to harmful chemicals
- Hazardous chemicals such as toluene, MMA, and TPhP are prevalent, even in "safe" or "non-toxic" products
- Labeling inaccuracies and misleading claims about "safer" products are widespread
- Further research and evaluation of alternatives are needed

Research Framework:

- Nail products research can guide findings and regulatory actions



SCP Priority Products

- [Nail Products Containing Toluene](#) adopted as a Priority Product in January 2023
- [Nail Products Containing Methyl Methacrylate \(MMA\)](#) proposed as a Priority Product in February 2024. Notice of Proposed Action (NOPA) released in November 2024
- [Nail Products Containing Triphenyl Phosphate \(TPhP\)](#) proposed as a Priority Product in September 2024



Healthy Nail Salon Recognition (HNSR) Program



DTSC's Healthy Nail Salon Recognition (HNSR) Program

Program Goals:



Support voluntary HNSR programs in California to protect nail salon workers and customers



Recognize and certify nail salons that meet HNSR program guidelines

Accomplishments:



Compiled best practices for healthy nail salons



Published guidelines for local government agencies in California to implement HNSR programs

Current Programs:



- San Francisco County
- Alameda County
- Santa Clara County
- San Mateo County
- City of Santa Monica

Learn more: [DTSC's HNSR Program](#)



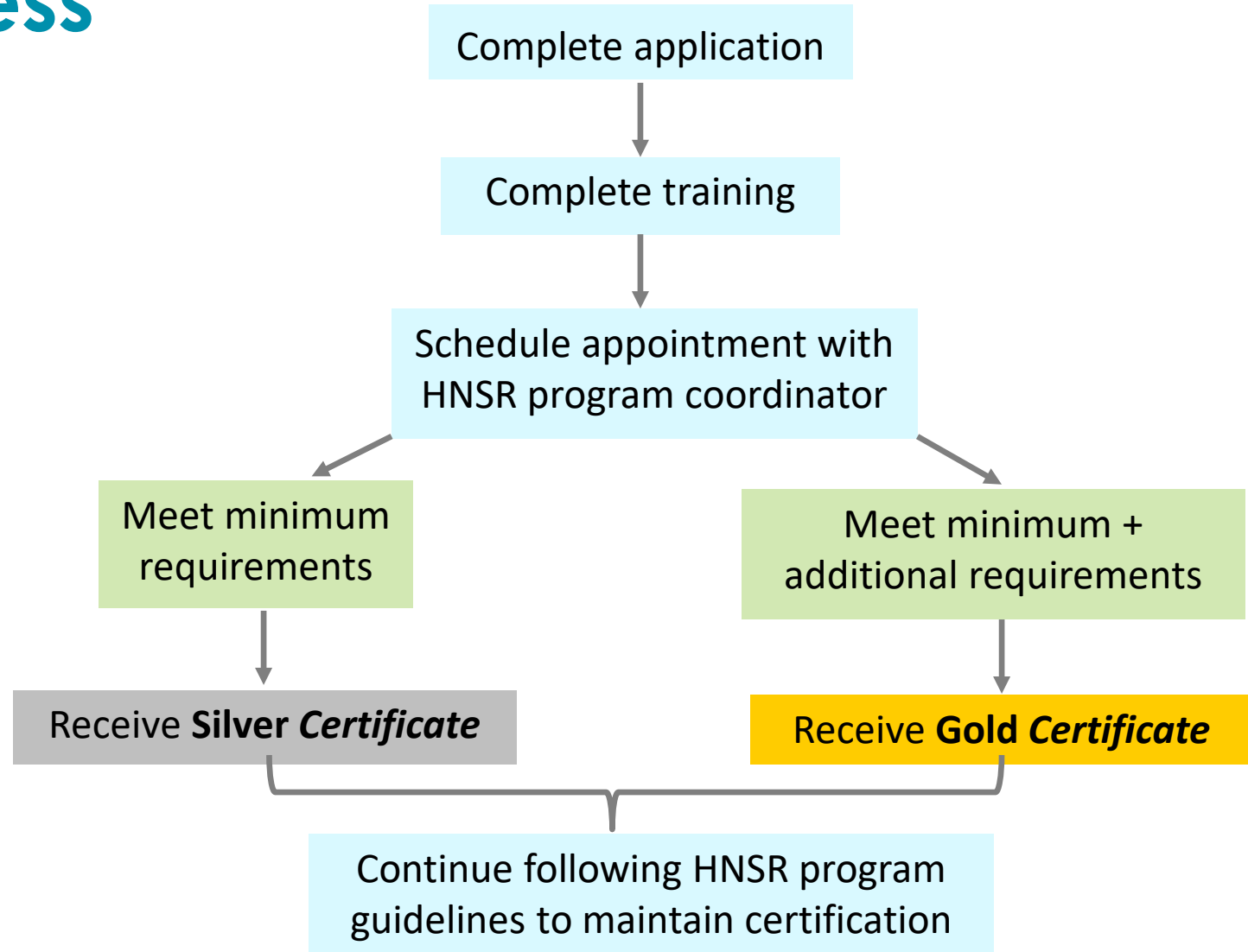
Application Process for Nail Salons

HNSR Links:

[Program Overview](#)

[Brochure](#)

[Salon Staff Training](#)



Next Steps for SCP

■ Strengthen Regulatory Efforts

- Finalize and implement regulations for Priority Products
- Continue enforcement to ensure compliance with safer chemical requirements

■ Expand Outreach and Implementation

- Broaden statewide adoption of the HNSR Program
- Increase engagement with local agencies and salons

■ Address Resource Challenges

- Explore funding opportunities to support local agencies and HNSR implementation
- Provide training and resources to overcome salon and agency limitations



THANK YOU

Contact: nathalie.pham@dtsc.ca.gov

SCP home page: dtsc.ca.gov/scp



Safer Consumer Products

We are working toward safer California households, workplaces, and products.





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